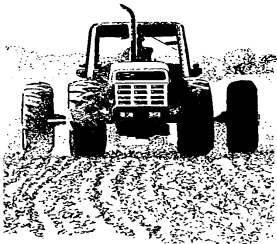




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TENNESSEE WEEKLY  
WEATHER AND CROP BULLETIN



<http://www.nass.usda.gov/tn>

Released Weekly April - November

2004 Weather Crop 15      Issued 3:00 P.M. 07/12/04      Week Ending July 11, 2004

SCATTERED RAINS THROUGHOUT WEEK LIMIT FIELD ACTIVITIES

For the fourth week in a row, scattered rain showers were the story for the Volunteer State. The persistent rainfall continues to be a favorable sign, but has hampered the ability of producers to complete some much needed spraying and harvesting. All of the State’s major crops were developing at a pace close to or slightly ahead of last year and the five-year average. Cotton benefitted from the warm weather last week as almost all acres were squaring and conditions improved slightly from the week earlier. Nearly all soybeans have emerged with slightly more than one-fifth of the crop blooming. The second cutting of alfalfa was lagging a week behind the normal pace. Tobacco topping began on a very limited basis and some isolated tobacco fields were damaged by strong storms and flooding. There were 4 days suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 1 percent short, 71 percent adequate, and 28 percent surplus. Subsoil moisture levels were rated 1 percent short, 79 percent adequate, and 20 percent surplus.

CROP PROGRESS: Through July 11, 2004					CONDITION: On July 9, 2004					
Crop	This Week	Last Week	2003	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn Silking or Beyond	91	82	87	84	Corn	1	3	13	47	36
Corn Dough	22	N/A	16	14	Cotton	0	2	11	57	30
Cotton - Squaring	98	95	76	91	Soybeans	1	3	13	60	24
Cotton - Setting Bolls	28	14	13	28	Tobacco	2	5	24	55	14
Soybeans - Emerged	97	91	92	96	Pastures	0	2	12	65	21
Soybeans - Blooming	22	9	11	20						
Soybeans - Setting Pods	1	N/A	1	5						
Alfalfa Hay - Second Cutting	54	44	74	72						

**CORN:** The crop was rated in mostly good-to-excellent condition with 91 percent in the silking or beyond stage. A few low areas were damaged by flooding.

**COTTON:** More than a quarter of the crop has begun to set bolls, on pace with the five-year average and ahead of last year. Eighty-seven percent of the crop was rated in good-to-excellent condition.

**SOYBEANS:** The crop was rated in mostly good-to-excellent condition with 22 percent of the crop in the blooming stage. Farmers were unable to complete planting due to wet fields. Some re-planting occurred last week. Frogeye leaf spot was detected with no significant damage to date.

**TOBACCO:** Tobacco was rated mostly good-to-fair with topping underway in a few isolated areas. Disease pressure is moderate to severe in a few areas.

**PASTURES & HAY:** Pastures were rated in mostly good-to-excellent condition. The second cutting of alfalfa hay was only half complete, about a week behind normal pace. Some pinkeye problems were reported in cattle herds.

TEMPERATURES AND PRECIPITATION For week ending: 07/11/04(with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 07/11/04				Current Week	Rain	Current	Departure	Since April 1	
	HI	LO	AVG	DFN	07/11/04	Days	Since January 1	From Normal		
Ames_Plantation	92	66	79	+1	1.90	3	35.21	+5.50	1176	+86
Tri-City_RGNL_A	90	61	75	+2	0.19	3	24.61	+1.87	870	+199
Brownsville_TN	92	67	81	+2	0.73	2	30.21	+0.50	1261	+350
Chattanooga/Lov	91	66	79	+1	0.78	2	24.82	-4.96	1210	+240
Clarksville_Sew	91	67	79	+2	1.30	3	24.52	-3.39	1164	+238
Cookeville	89	62	76	+0	1.98	5	36.54	+5.25	949	+417
Covington	91	66	79	-1	0.73	2	28.44	-0.99	1129	+30
Crossville_AP	85	61	74	+2	2.47	6	32.63	+1.61	851	+232
Dickson_AG	89	65	76	-2	0.62	5	35.21	+5.08	951	-22
Dover_1W	90	68	78	+2	1.93	4	26.49	-2.56	1076	+264
Dyersburg	91	66	80	-2	0.30	4	23.00	-4.98	1236	+55
Erwin_1W	89	62	75	+4	0.28	3	25.41	-1.62	828	+7
Huntingdon_Wate	92	66	80	+2	1.47	3	32.66	+3.34	1148	+282
Jackson_Exp_Stn	92	67	80	+2	1.24	2	29.01	-0.65	1208	+175
Kingston_AG	90	63	77	+2	2.02	3	32.21	-0.11	1000	+270
Knoxville_AP	90	63	78	+2	1.54	1	28.48	+1.48	1121	+296
Lewisburg	92	60	78	+2	1.62	4	36.05	+5.30	1100	+262
Lexington_TN	91	66	80	+2	0.95	4	33.13	+4.69	1119	+549
Linden	91	66	79	+2	0.61	3	31.22	-0.10	1052	+198
Martin	93	67	80	+3	0.79	2	26.49	-2.87	1173	+190
Mc_Minnville_Tn	90	65	77	+0	1.48	5	33.91	+3.87	1101	-8
Memphis_AG	93	66	80	-3	0.96	2	30.07	+1.12	1244	-78
Milan	93	65	80	+3	0.88	3	27.66	-2.62	1153	+192
Murfreesboro_5N	91	66	78	+1	1.08	3	29.02	-0.32	1097	-8
Nashville_Metro	91	67	79	+1	1.13	4	32.69	+6.10	1181	+159
Newcomb	89	61	76	+3	0.57	3	27.93	-2.24	847	+282
Oneida	88	62	76	+3	1.37	5	28.87	-1.30	889	-23
Pikeville	91	62	77	+1	0.68	3	26.93	-3.02	1043	+229
Portland_TN	90	67	78	+2	1.12	4	35.80	+6.77	1058	+242
Pulaski_Water_P	91	66	78	-2	0.43	3	36.03	+5.20	1061	+21
Savannah_6SW	92	63	78	-2	0.67	3	35.50	+3.06	1196	+304
Sparta_TN	91	63	77	+3	1.29	3	37.10	+6.67	1160	+454
Springfield	92	64	78	+2	0.71	4	31.36	+3.48	1077	+249
Springhill	94	64	78	+2	1.21	5	35.83	+4.89	1142	+323
Union_City	90	66	79	+1	0.83	3	26.45	-2.52	1071	+110
Waynesboro_TN	90	65	78	+2	2.74	4	34.81	+2.38	1040	+35

DFN = Departure From Normal (Using 1961-90 Normals Period).    GDD = Growing Degree Days.  
 Precipitation Days = Days with precip of 0.01 inch or more.    Precipitation (rain or melted snow/ice) in inches.  
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USDA-NASS-Tennessee Statistical Office gratefully acknowledges contributions to this publication by:  
 National Weather Service, and the University of Tennessee’s Extension Service.